

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Bloom *et al.*

Appl. No. 09/227,742

Filed: January 8, 1999

For: **Method for Increasing Viability  
and Transformation Efficiency of  
Bacteria During Storage at Low  
Temperatures**



Art Unit:

~~1641~~ 1636

Examiner:

~~J. Railey~~ YUCEL

Atty. Docket: 0942.4770003/RWE/GER

**Revocation of Prior Power of Attorney and Appointment of New  
Attorneys of Record**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned, having express authority to represent **LIFE TECHNOLOGIES, INC.**, the assignee of the entire right, title, and interest in the above-captioned application, [by assignment recorded at the U.S. Patent and Trademark Office on **May 15, 1998** (copy enclosed)], hereby revokes all powers of attorney heretofore given in the above-captioned application and appoints as his attorneys Robert Greene Sterne, Registration No. 28,912; Edward J. Kessler, Registration No. 25,688; Jorge A. Goldstein, Registration No. 29,021; Samuel L. Fox, Registration No. 30,353; David K.S. Cornwell, Registration No. 31,944; Robert W. Esmond, Registration No. 32,893; Tracy-Gene G. Durkin, Registration No. 32,831; Michele A. Cimbala, Registration No. 33,851; Michael B. Ray, Registration No. 33,997; Robert E. Sokohl, Registration No. 36,013; Eric K. Steffe, Registration No. 36,688; Michael Q. Lee, Registration No. 35,239; and Steven R. Ludwig, Registration No. 36,203, with full power of substitution, association, and revocation, to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith.

The undersigned hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send all correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Suite 600  
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Direct telephone calls to (202) 371-2600.

On behalf of **LIFE TECHNOLOGIES, INC.:**

FOR: **LIFE TECHNOLOGIES, INC.**

SIGNATURE: \_\_\_\_\_

*Alan W. Hammond*

BY: **Alan W. Hammond**

TITLE: Intellectual Property Attorney

DATE: \_\_\_\_\_

*7/21/99*

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: Fredric R. Bloom, Jonathan Kuo, Jhy-Jhu Lin, and Jin Ma the undersigned hereby sells and assigns to Life Technologies, Inc. having its business address at 9800 Medical Center Dr., Bethesda, MD U.S.A., (the Assignee) his/her entire right, title and interest

check applicable boxes: X : for the United States of America (as defined in 35 U.S.C. § 100),  
X : and throughout the world,

99A  
#31,680  
in the inventions known as Method for Increasing Viability and Transformation Efficiency of Bacteria During Storage at Low Temperatures for which application for patent in the United States of America has been executed by the undersigned on MARCH 17, 19 AND 21, 1998 (also known as United States Application No. 08/826,476, filed March 27, 1997), in any and all applications thereon, in any and all Letters Patent therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent issue, including all claims, if any, that may have arisen for infringement prior to the date of this assignment, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree to execute all papers necessary in connection with the application and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree to execute all papers necessary in connection with any interference that may be declared concerning the application or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represent that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant

Jeffrey I. Auerbach, Reg. No. 32,680  
Melvin L. Barnes, Jr. Reg. No. 38,375  
Michael J. Bell, Reg. No. 39,604  
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J. David Smith, Reg. No. 39,839  
Michael J. Songer, Reg. No. 39,841

of HOWREY & SIMON, BOX NO. 34, 1299 PENNSYLVANIA AVENUE, N.W., WASHINGTON, D.C. 20004-2402, power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date opposite their names.

Date: 3/7/98 Signature of Inventor: Fred R Bloom  
Date: 3/18/98 Signature of Inventor: CH 3/18/98  
Date: 3/21/98 Signature of Inventor: [Signature]  
Date: 3/18/98 Signature of Inventor: [Signature]